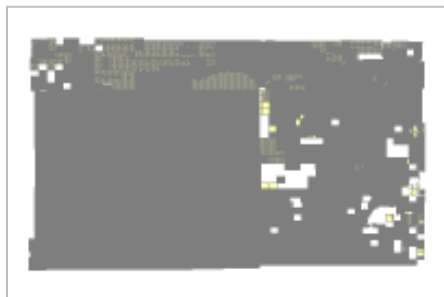


Quarter Sections and Smaller PLSS Designations for the Navajo Nation



Data format: Shapefile

File or table name: NN_GCDB_QSections

Coordinate system: Geographic

Theme keywords: General Land Office, GLO, Bureau of Land Management, BLM, Public Land Survey System, PLSS, Geographic Coordinate Data Base, GCDB, National Spatial Data Infrastructure, NSDI, Land Information System, LIS, Land Survey Information, LSI, Cadastral, Township, Range, Land Survey Information System, LSIS, Arizona, Arkansas, California, Colorado, Idaho, Michigan, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oregon, Utah, Washington, Wyoming, Cadastral

Abstract: This polygon shapefile provides quarter sections and other Public Land Survey System (PLSS) designations smaller than sections for the area of the Navajo Nation. This layer is based on Geographic Coordinate Data Base (GCDB) coordinate data. The locations of Public Land Survey System (PLSS) corners, as represented in geographic coordinate pairs, were derived from a variety of source documents, which include U.S. General Land Office and BLM survey plats/notes, as well as survey data obtained from other U.S. Government agencies, private sector survey firms, and local governments. The attributes assigned to PLSS polygons were taken from the BLM's Legal Land Description (LLD) data set, contained within the Legacy Rehost for the year 2000 (LR2000) automated records system. The coordinate data was produced by using control stations of known location, with varying degrees of accuracy, from various sources which include but are not limited to; U.S. Geological Survey (USGS) topological quadrangles and other sources, National Geodetic Survey (NGS) and US Coast & Geodetic Survey (USC&GS) Cooperative Base Network (CBN) control, Federal Base Network control (FBN), and Continuous Operating Reference Stations (CORS), and Global Positioning System (GPS) data, which is then analyzed and adjusted in concert with official survey data for any given geographic area. The Land Survey Information System Data Base (LSIS) data is a useful representation of the geometry and topology of parcels contained within the PLSS, but its application is intended for mapping purposes only. The GCDB data served from LSIS is not a substitute for a legal land survey.

FGDC and ESRI Metadata:

- [Identification Information](#)
- [Data Quality Information](#)
- [Spatial Data Organization Information](#)
- [Spatial Reference Information](#)
- [Entity and Attribute Information](#)
- [Distribution Information](#)
- [Metadata Reference Information](#)
- [Binary Enclosures](#)

Metadata elements shown with blue text are defined in the Federal Geographic Data Committee's (FGDC) [Content Standard for Digital Geospatial Metadata \(CSDGM\)](#). Elements shown with green text are defined in the [ESRI Profile of the CSDGM](#). Elements shown with a green asterisk (*) will be automatically updated by ArcCatalog. ArcCatalog adds hints indicating which FGDC elements are mandatory; these are shown with gray text.

Identification Information:

Citation:

Citation information:

Originators: Bureau of Land Management, U.S. Forest Service

Title:

Quarter Sections and Smaller PLSS Designations for the Navajo Nation

***File or table name:** NN_GCDB_QSections

Publication date: 20041029

***Geospatial data presentation form:** vector digital data

Publication information:

Publication place: Denver, Colorado

Publisher: Bureau of Land Management

Online linkage: [Server=lsi.blm.gov; Service=BLM_L SIS; Layer: Quarter-quarter](#)

Description:

Abstract:

This polygon shapefile provides quarter sections and other Public Land Survey System (PLSS) designations smaller than sections for the area of the Navajo Nation.

This layer is based on Geographic Coordinate Data Base (GCDB) coordinate data. The locations of Public Land Survey System (PLSS) corners, as represented in geographic coordinate pairs, were derived from a variety of source documents, which include U.S. General Land Office and BLM survey plats/notes, as well as survey data obtained from other U.S. Government agencies, private sector survey firms, and local governments. The attributes assigned to PLSS polygons were taken from the BLM's Legal Land Description (LLD) data set, contained within the Legacy Rehost for the year 2000 (LR2000) automated records system. The coordinate data was produced by using control stations of known location, with varying degrees of accuracy, from various sources which include but are not limited to; U.S. Geological Survey (USGS) topological quadrangles and other sources, National Geodetic Survey (NGS) and US Coast & Geodetic Survey (USC&GS) Cooperative Base Network (CBN) control, Federal Base Network control (FBN), and Continuous Operating Reference Stations (CORS), and Global Positioning System (GPS) data, which is then analyzed and adjusted in concert with official survey data for any given geographic area. The Land Survey Information System Data Base (LSIS) data is a useful representation of the geometry and topology of parcels contained within the PLSS, but its application is intended for mapping purposes only. The GCDB data served from LSIS is not a substitute for a legal land survey.

Purpose:

The GCDB Data was created to provide the BLM and its public with a set of geographic foundation data that accurately portrays the locations of PLSS corners. The GCDB data is based on the best and most current survey records available and uses known geographic positions of control stations within the PLSS network. This data is a key component of the Land Survey Information System (LSIS) framework upon which parcel boundary information will be assembled.

***Language of dataset:** en

Time period of content:**Time period information:****Range of dates/times:****Beginning date:** 18490303**Ending date:** present**Currentness reference:**

ground condition

Status:**Progress:** In work**Maintenance and update frequency:** As needed**Spatial domain:****Bounding coordinates:*****West bounding coordinate:** -112.203089***East bounding coordinate:** -106.777389***North bounding coordinate:** 37.714032***South bounding coordinate:** 34.544464**Local bounding coordinates:*****Left bounding coordinate:** -112.203089***Right bounding coordinate:** -106.777389***Top bounding coordinate:** 37.714032***Bottom bounding coordinate:** 34.544464**Keywords:****Theme:****Theme keywords:** General Land Office, GLO, Bureau of Land Management, BLM, Public Land Survey System, PLSS, Geographic Coordinate Data Base, GCDB, National Spatial Data Infrastructure, NSDI, Land Information System, LIS, Land Survey Information, LSI, Cadastral, Township, Range, Land Survey Information System, LSIS**Theme keyword thesaurus:** None**Theme:****Theme keywords:** Arizona, Arkansas, California, Colorado, Idaho, Michigan, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oregon, Utah, Washington, Wyoming**Theme keyword thesaurus:** BLM-State**Theme:****Theme keywords:** Cadastral**Theme keyword thesaurus:** BLM-Theme**Place:****Place keywords:** Navajo Nation, Arizona, Colorado, New Mexico, Utah, Contiguous US**Place keyword thesaurus:** None**Access constraints:** None**Use constraints:**

This polygon dataset covers the area of the Navajo Nation, and provides only the Township component of the PLSS based on the GCDB.

The geographic coordinates and their associated products are NOT legal land survey records. The coordinates can NOT be used as a substitute for a legal land survey. They can be used for record keeping, mapping, graphics and planning purposes only. No warranty is made by the Bureau of Land Management for use of the data for purposes not intended by BLM.

Point of contact:**Contact information:****Contact person primary:****Contact person:** Regina LeFort**Contact organization:** Bureau of Land Management**Contact position:** L&RPO GCDB Lead**Contact address:****Address type:** mailing address**Address:**

P.O. Box 25047

Address:

Mail Stop: WO - 330D (DFC)

Address:

Building 40, Denver Federal Center

City: Denver**State or province:** Colorado**Postal code:** 80225-0047**Country:** USA**Contact voice telephone:** (303) 236-0951**Contact facsimile telephone:** (303) 236-6691**Contact electronic mail address:** regina_lefort@blm.gov**Contact instructions:**

For information about the data content, please contact the BLM State Office, GCDB Manager or GCDB Contact at: <http://www.blm.gov/gcdb/gcdbsites/index.html>

For information directly relating to metadata, please contact Regina LeFort at regina.lefort@blm.gov

Native dataset format:** ShapefileNative data set environment:**

Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 9.1.0.780

[Back to Top](#)**Data Quality Information:****Attribute accuracy:****Attribute accuracy report:**

Data was checked for attribute accuracy by the GCDB personnel in each of the respective BLM State Offices.

Logical consistency report:

The data set is topologically structured with nodes at all intersections. Labels representing the legal land description are assigned to each land unit.

Completeness report:

This polygon dataset covers the area of the Navajo Nation, and provides only the Township component of the PLSS based on the GCDB.

All GCDB spatial outputs are visually inspected for completeness to ensure that all survey data

for a given geographic area is included in the data set.

Positional accuracy:

Horizontal positional accuracy:

Horizontal positional accuracy report:

Accuracy of the individual points contained within the GCDB layers of LSIS that were determined using GMM software were adjusted using both compass rule and a least squares analysis, which examines the geometry of PLSS parcels in relation to the coordinate values of known locations for control points within the PLSS grid. Each individual point carries a reliability factor indicating the error ellipse in both northing and easting which is reported after the least squares analysis is completed.

Accuracy of the individual points contained within the GCDB layers of LSIS that were determined using PCCS software were adjusted using a succession of compass rule adjustments between the control points followed by a least squares analysis, which examines the geometry of PLSS parcels in relation to the coordinate values of known locations for control points within the PLSS grid. Each individual point carries positional reliability factors for the average of the misclosures in the data set and the maximum misclosure in the data set.

Lineage:

Source information:

Source citation:

Citation information:

Originators: Bureau of Land Management

Title:

Land Survey Information System (LSIS)

Publication date: 20041029

Geospatial data presentation form: tabular digital data

Publication information:

Publication place: Denver, Colorado

Publisher: Bureau of Land Management

Type of source media: online

Source citation abbreviation:

BLM

Source contribution:

Survey data in the form of official (microfilm, CD, other) survey and BLM, abstracted into a vector digital format.

Source time period of content:

Time period information:

Range of dates/times:

Beginning date: 18490303

Ending date: present

Source currentness reference:

ground condition

Source information:

Source citation:

Citation information:

Originators: U.S. Forest Service

Title:
Automated Lands Project (ALP)

Publication date: 19980601

Geospatial data presentation form: tabular digital data

Publication information:

Publication place: Washington, D.C.

Publisher: U.S. Forest Service

Type of source media: disc

Source citation abbreviation:
USFS

Source contribution:
Survey and control data from the Cartographic Feature File (CFF) data set.

Source time period of content:

Time period information:

Range of dates/times:

Beginning date: 19980601

Ending date: present

Source currentness reference:
ground condition

Source information:

Source citation:

Citation information:

Originators: U.S Geological Survey

Title:
USGS standard topological quadrangles

Publication date: 1931

Geospatial data presentation form: tabular digital data

Publication information:

Publication place: Denver, Colorado

Publisher: U.S. Geological Survey

Type of source media: disc

Source citation abbreviation:
USGS

Source contribution:
Digitized control data from standard topological quadrangle sheets.

Source time period of content:

Time period information:

Range of dates/times:

Beginning date: 1931

Ending date: present

Source currentness reference:
ground condition

Source information:**Source citation:****Citation information:****Originators:** National Geodetic Survey**Title:**

Official Control Station Sheets

Publication date: 20000101**Geospatial data presentation form:** tabular digital data**Publication information:****Publication place:** Silver Springs, Maryland**Publisher:** National Geodetic Survey**Type of source media:** disc**Source citation abbreviation:**

NGS

Source contribution:

Survey control data from the official control station sheets (CBN, FBN, CORS).

Source time period of content:**Time period information:****Range of dates/times:****Beginning date:** 19010101**Ending date:** present**Source currentness reference:**

ground condition

Process step:**Process description:**

Compile survey input data from current BLM official measurements, supplemented in some locations with USFS and private survey records.

Process date: Unknown**Source used citation abbreviation:**

BLM database of the index to all official (microfilm, CD, other) BLM survey records.

Source used citation abbreviation:

USFS survey records.

Source used citation abbreviation:

Private land surveyor records

Source used citation abbreviation:

GCDB Data Collection Attribute Definitions Version 2.0, Appendix A, 2/14/1991.

Survey records used - source abbreviations.

Process step:**Process description:**

Compile listings of known locations of PLSS corners.

Process date: Unknown**Source used citation abbreviation:**

USGS topographic quadrangles and other sources.

Source used citation abbreviation:

USC&GS published coordinate data.

Source used citation abbreviation:

NGS published coordinate data.

Source used citation abbreviation:

BLM global positioning Data.

Source used citation abbreviation:

USFS global positioning data.

Process step:**Process description:**

Coordinates of control stations are entered into a control data base with associated reliabilities.

Process date: Unknown

Process step:**Process description:**

This data has been created in either the GMM or PCCS format. The following process steps refer to data in GMM format.

With GMM survey data, abstracted from survey plats, and control stations extracted from the control database, are manually entered with weighting factors into GMM software. Compass rule and least squares adjustments are performed using weighting factors assigned to both control stations and survey line data, based on methodologies and vintage of survey.

With GMM, section subdivision is performed to achieve land unit detail to at least the forty acre parcel level. Instructions for calculating non-regular and minor subdivisions are persistently stored during collection and rerun after every new adjustment in order to achieve the detail necessary to delineate all lines required for depicting federal rights, interestes, restrictions, and encumbrances. Coincident lines and lines identified as non-boundary lines are removed from the data set used for final land unit constructions. Line intersections are computed and given unique identifiers and land units are constructed.

GMM lists all coordinates produced by the compass rule and least squares adjustments and subdivision, with conectivity codes between points and compiles them into a single file for development of Geographic Information Systems (GIS) output.

Process date: Unknown

Process step:**Process description:**

This data has been created in either the GMM or PCCS format. The following process steps refer to data in PCCS format.

With PCCS, survey data abstracted from survey plats and control stations extracted from control data base are manually entered into the PCCS processing software. A succession of compass rule adjustments is performed on the lines to adjust them to the control points, followed by a least squares analysis. The resulting coordinates are accompanied by indications of positional reliability; the average of misclosures in the data set and the maximum misclosure in the data set.

PCCS lists all coordinates produced by the compass rule and least squares adjustments with connectivity codes between points and compiles them into a single file for development of GIS files.

With PCCS, section subdivision is performed to achieve land unit detail to at least the forty acre parcel level.

Process date: Unknown

Process step:

Process description:

GCDB data conversion software verifies correctness of GCDB file formats and content.

Process date: Unknown

Process step:

Process description:

Verified coordinate, line and label files are converted to GIS coverages using the topology check application. All errors in topology are flagged for editing and correction.

Process date: Unknown

Process step:

Process description:

If topological errors exist, editing of arc and node data, as well as parcel labels, is performed using either GMM or ArcInfo Interface (AII). (PCCS townships can only be edited using AII). Final edits are entered into input files and the process is repeated until all errors are corrected and a successful GIS coverage is created.

Process date: Unknown

Process step:

Process description:

GIS coverages are edgematched with adjoining township data sets to insure a seamless PLSS grid is created.

Process date: Unknown

Process step:

Process description:

Topologically correct GIS coverages are modified to use FGDC compliant naming conventions and then loaded into the LSIS database. These layers can then be downloaded as shapefiles through the LSIS website.

Process date: Unknown

Process step:

Process description:

Last Descriptions (LaDesc) were downloaded by State (AZ, CO, NM, UT) via the BLM's GeoCommunicator website at <http://www.geocommunicator.gov/>. Each state's last description (here called quarter sections, because this includes quarter Sections and smaller land units) were merged, and the area of the Navajo Nation was clipped, creating this dataset, NN_GCDB_QSections.shp.

Process software and version: ESRI ArcGIS 9.1

Process date: July 2007

Process contact:

Contact information:

Contact organization primary:

Contact organization: TerraSpectra Geomatics

Contact address:

Address type: mailing and physical address

Address:

2700 E Sunset Rd, Ste A-10

City: Las Vegas

State or province: NV

Postal code: 89120

Country: USA

Contact voice telephone: 702-795-8254

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Spatial Data Organization Information:

***Direct spatial reference method:** Vector

Point and vector object information:

SDTS terms description:

***Name:** NN_GCDB_QSections

***SDTS point and vector object type:** G-polygon

***Point and vector object count:** 948192

ESRI terms description:

***Name:** NN_GCDB_QSections

***ESRI feature type:** Simple

***ESRI feature geometry:** Polygon

***ESRI topology:** FALSE

***ESRI feature count:** 948192

***Spatial index:** FALSE

***Linear referencing:** FALSE

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Spatial Reference Information:

Horizontal coordinate system definition:

Coordinate system name:

***Geographic coordinate system name:** GCS_North_American_1983

Geographic:

***Latitude resolution:** 0.000000

***Longitude resolution:** 0.000000

***Geographic coordinate units:** Decimal degrees

Geodetic model:

- ***Horizontal datum name:** North American Datum of 1983
- ***Ellipsoid name:** Geodetic Reference System 80
- ***Semi-major axis:** 6378137.000000
- ***Denominator of flattening ratio:** 298.257222

Vertical coordinate system definition:**Altitude system definition:**

Altitude resolution: 1.000000

Altitude encoding method: Explicit elevation coordinate included with horizontal coordinates

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Entity and Attribute Information:**Detailed description:**

***Name:** NN_GCDB_QSections

Entity type:

***Entity type label:** NN_GCDB_QSections

***Entity type type:** Feature Class

***Entity type count:** 948192

Entity type definition:

A Legal Area Description provides the structure for assembling the components of a single legal description into one. The components of the legal area description can be used to build legal descriptions based on areas. For example, a legal area description could be a lot in a subdivision and that lot may be contained in a Public Land Survey System Area.

Entity type definition source:

FGDC

Attribute:

***Attribute label:** FID

***Attribute alias:** FID

***Attribute definition:**

Internal feature number.

***Attribute definition source:**

ESRI

***Attribute type:** OID

***Attribute width:** 4

***Attribute precision:** 0

***Attribute scale:** 0

Attribute domain values:

***Unrepresentable domain:**

Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute label: qsection

***Attribute alias:** FID

Attribute definition:

The nominal quadrant within the PLSS section

Attribute definition source:

BLM

Attribute type:** OIDAttribute width:** 4***Attribute precision:** 0***Attribute scale:** 0**Attribute domain values:****Enumerated domain:****Enumerated domain value:** NE**Enumerated domain value definition:**

NE 1/4 of Not used - reserved for future use.

Enumerated domain value definition source:

BLM

Enumerated domain:**Enumerated domain value:** NW**Enumerated domain value definition:**

NW 1/4 of Not used - reserved for future use.

Enumerated domain value definition source:

BLM

Enumerated domain:**Enumerated domain value:** SW**Enumerated domain value definition:**

SW 1/4 of Not used - reserved for future use.

Enumerated domain value definition source:

BLM

Enumerated domain:**Enumerated domain value:** SE**Enumerated domain value definition:**

SE 1/4 of Not used - reserved for future use.

Enumerated domain value definition source:

BLM

Attribute:***Attribute label:** objectid***Attribute alias:** OBJECTID***Attribute definition:**

Internal feature number.

***Attribute definition source:**

ESRI

Attribute type:** NumberAttribute width:** 11**Attribute domain values:*****Unrepresentable domain:**

Sequential unique whole numbers that are automatically generated.

Attribute:***Attribute label:** Shape***Attribute alias:** Shape***Attribute definition:**

Feature geometry.

***Attribute definition source:**
ESRI

***Attribute type:** String

***Attribute width:** 16

Attribute domain values:

Enumerated domain:

Enumerated domain value: A

Enumerated domain value definition:

NE 1/4 of NE 1/4 of

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: B

Enumerated domain value definition:

NW 1/4 of NE 1/4 of

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: C

Enumerated domain value definition:

SW 1/4 of NE 1/4 of

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: D

Enumerated domain value definition:

SE 1/4 of NE 1/4 of

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: E

Enumerated domain value definition:

NE 1/4 of NW 1/4 of

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: F

Enumerated domain value definition:

NW 1/4 of NW 1/4 of

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: G

Enumerated domain value definition:

SW 1/4 of NW 1/4 of

Enumerated domain value definition source:

BLM

Enumerated domain:**Enumerated domain value:** H**Enumerated domain value definition:**

SE 1/4 of NW 1/4 of

Enumerated domain value definition source:

BLM

Enumerated domain:**Enumerated domain value:** I**Enumerated domain value definition:**

NE 1/4 of SW 1/4 of

Enumerated domain value definition source:

BLM

Enumerated domain:**Enumerated domain value:** J**Enumerated domain value definition:**

NW 1/4 of SW 1/4 of

Enumerated domain value definition source:

BLM

Enumerated domain:**Enumerated domain value:** K**Enumerated domain value definition:**

SW 1/4 of SW 1/4 of

Enumerated domain value definition source:

BLM

Enumerated domain:**Enumerated domain value:** L**Enumerated domain value definition:**

SE 1/4 of SW 1/4 of

Enumerated domain value definition source:

BLM

Enumerated domain:**Enumerated domain value:** M**Enumerated domain value definition:**

NE 1/4 of SE 1/4 of

Enumerated domain value definition source:

BLM

Enumerated domain:**Enumerated domain value:** N**Enumerated domain value definition:**

NW 1/4 of SE 1/4 of

Enumerated domain value definition source:

BLM

Enumerated domain:**Enumerated domain value:** O**Enumerated domain value definition:**

SW 1/4 of SE 1/4 of

Enumerated domain value definition source:

BLM

Enumerated domain:**Enumerated domain value:** P**Enumerated domain value definition:**

SE 1/4 of SE 1/4 of

Enumerated domain value definition source:

BLM

Enumerated domain:**Enumerated domain value:** Q**Enumerated domain value definition:**

All existing nominal locations within this section.

Enumerated domain value definition source:

BLM

Enumerated domain:**Enumerated domain value:** Z**Enumerated domain value definition:**

Nominal location not relevant.

Enumerated domain value definition source:

BLM

***Unrepresentable domain:**

Coordinates defining the features.

Attribute:**Attribute label:** ladsrc***Attribute alias:** Shape**Attribute definition:**

Code depicting source of acreage value or how it was determined.

Attribute definition source:

BLM

Attribute type:** StringAttribute width:** 5**Attribute domain values:****Enumerated domain:****Enumerated domain value:** 0**Enumerated domain value definition:**

LLD (not total acreage, only within section)

Enumerated domain value definition source:

BLM

Enumerated domain:**Enumerated domain value:** A**Enumerated domain value definition:**

Calculated by query that added all LLD acreages by special survey.

Enumerated domain value definition source:

BLM

Enumerated domain:**Enumerated domain value:** B**Enumerated domain value definition:**

Acreage is from official plat and agrees with LLD sum.

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: C

Enumerated domain value definition:

Acreage is from official plat and disagrees with LLD sum.

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: D

Enumerated domain value definition:

Acreage is approximated from MTP or other paper map.

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: E

Enumerated domain value definition:

Acreage is derived from GIS coverage or AutoCAD drawing.

Enumerated domain value definition source:

BLM

***Unrepresentable domain:**

Coordinates defining the features.

Attribute:

***Attribute label:** Indkey

***Attribute alias:** Indkey

Attribute definition:

Compilation of state, principal meridian, township and range.

Attribute definition source:

BLM

***Attribute type:** String

***Attribute width:** 4

Attribute domain values:

Unrepresentable domain:

See individual attributes for range values.

Attribute:

Attribute label: surnum

***Attribute alias:** sectionkey

Attribute definition:

An alpha-numeric value for a small division of non-aliquot land, established at parcel creation and noted on the survey plat. For example, when sursys value is equal to "L" for a Government Lot, the surnum will reflect the Government Lot number.

Attribute definition source:

BLM

***Attribute type:** String

***Attribute width:** 1

Attribute domain values:

Unrepresentable domain:

Integer value

Attribute:**Attribute label:** sursuf***Attribute alias:** qsection**Attribute definition:**

Unique alpha-numeric code that further defines survey number.

Attribute definition source:

BLM

Attribute type:** StringAttribute width:** 1**Attribute domain values:****Unrepresentable domain:**

Alpha characters

Attribute:**Attribute label:** surnote***Attribute alias:** nomloc**Attribute definition:**

Administrative code depicting the status and validity of parcel entry.

Attribute definition source:

BLM

Attribute type:** StringAttribute width:** 5**Attribute domain values:****Enumerated domain:****Enumerated domain value:** A**Enumerated domain value definition:**

unknown

Enumerated domain value definition source:

BLM

Enumerated domain:**Enumerated domain value:** D**Enumerated domain value definition:**

Do not add acreage.

Enumerated domain value definition source:

BLM

Enumerated domain:**Enumerated domain value:** E**Enumerated domain value definition:**

Exception to topology rule(s) exist.

Enumerated domain value definition source:

BLM

Enumerated domain:**Enumerated domain value:** R**Enumerated domain value definition:**

Replaced

Enumerated domain value definition source:

BLM

Attribute:**Attribute label:** ladescar***Attribute alias:** sursys**Attribute definition:**

Acreage of polygon

Attribute definition source:

BLM

Attribute type:** StringAttribute width:** 2**Attribute domain values:****Unrepresentable domain:**

Positive floating point number.

Attribute:***Attribute label:** nomloc***Attribute alias:** nomloc***Attribute definition:**

Feature geometry.

***Attribute definition source:**

ESRI

Attribute type:** StringAttribute width:** 3**Attribute domain values:*****Unrepresentable domain:**

Coordinates defining the features.

Attribute:**Attribute label:** sectionkey***Attribute alias:** nomloc**Attribute definition:**

PLSS section number.

Attribute definition source:

BLM

Attribute type:** NumberAttribute width:** 19***Attribute number of decimals:** 9**Attribute domain values:****Range domain:****Range domain minimum:** 1**Range domain maximum:** 100**Attribute:****Attribute label:** ladunt***Attribute alias:** surnum**Attribute definition:**

Unit of measure for ladescar

Attribute definition source:

BLM

***Attribute type:** String

***Attribute width:** 16

Attribute domain values:

Attribute:

Attribute label: qqsection

***Attribute alias:** validcd

Attribute definition:

Quarter-quarter section - corresponds to nomloc.

Attribute definition source:

BLM

***Attribute type:** String

***Attribute width:** 1

Attribute domain values:

Enumerated domain:

Enumerated domain value: NENE

Enumerated domain value definition:

NE 1/4 of NE 1/4 of

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: NWNE

Enumerated domain value definition:

NW 1/4 of NE 1/4 of

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: SWNE

Enumerated domain value definition:

SW 1/4 of NE 1/4 of

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: SENE

Enumerated domain value definition:

SE 1/4 of NE 1/4 of

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: NENW

Enumerated domain value definition:

NE 1/4 of NW 1/4 of

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: NWNW

Enumerated domain value definition:

NW 1/4 of NW1/4 of

Enumerated domain value definition source:
BLM

Enumerated domain:

Enumerated domain value: SWNW

Enumerated domain value definition:
SW 1/4 of NW 1/4 of

Enumerated domain value definition source:
BLM

Enumerated domain:

Enumerated domain value: SENW

Enumerated domain value definition:
SE 1/4 of NW 1/4 of

Enumerated domain value definition source:
BLM

Enumerated domain:

Enumerated domain value: NESW

Enumerated domain value definition:
NE 1/4 of SW 1/4 of

Enumerated domain value definition source:
BLM

Enumerated domain:

Enumerated domain value: NWSW

Enumerated domain value definition:
NW 1/4 of SW 1/4 of

Enumerated domain value definition source:
BLM

Enumerated domain:

Enumerated domain value: SWSW

Enumerated domain value definition:
SW 1/4 of SW 1/4 of

Enumerated domain value definition source:
BLM

Enumerated domain:

Enumerated domain value: SESW

Enumerated domain value definition:
SE 1/4 of SW 1/4 of

Enumerated domain value definition source:
BLM

Enumerated domain:

Enumerated domain value: NESE

Enumerated domain value definition:
NE 1/4 of SE 1/4 of

Enumerated domain value definition source:
BLM

Enumerated domain:

Enumerated domain value: NWSE

Enumerated domain value definition:
NW 1/4 of SE 1/4 of

Enumerated domain value definition source:

BLM

Enumerated domain:**Enumerated domain value:** SWSE**Enumerated domain value definition:**

SW 1/4 of SE 1/4 of

Enumerated domain value definition source:

BLM

Enumerated domain:**Enumerated domain value:** SESE**Enumerated domain value definition:**

SE 1/4 of SE 1/4 of

Enumerated domain value definition source:

BLM

Attribute:**Attribute label:** shape***Attribute alias:** subonly**Attribute definition:**

Feature geometry.

Attribute definition source:

ESRI

Attribute type:** StringAttribute width:** 3**Attribute domain values:****Unrepresentable domain:**

Coordinates defining the features.

Attribute:**Attribute label:** sursys***Attribute alias:** minorsub**Attribute definition:**

Survey Type of parcel.

Attribute definition source:

BLM

Attribute type:** StringAttribute width:** 1**Attribute domain values:****Enumerated domain:****Enumerated domain value:** A**Enumerated domain value definition:**

Aliquot parts

Enumerated domain value definition source:

BLM

Enumerated domain:**Enumerated domain value:** B**Enumerated domain value definition:**

Aliquot parts less than 40 acres.

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: C

Enumerated domain value definition:

Coal (reserved)

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: D

Enumerated domain value definition:

Allotment (reserved)

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: E

Enumerated domain value definition:

Metes and bounds

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: F

Enumerated domain value definition:

Farm unit (reserved)

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: G

Enumerated domain value definition:

Land Grant (reserved)

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: H

Enumerated domain value definition:

Homestead Entry Survey

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: I

Enumerated domain value definition:

Indian Allotment

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: J

Enumerated domain value definition:

Small tract and small holding claim (reserved)

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: K

Enumerated domain value definition:

Block and lot within a townsite

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: L

Enumerated domain value definition:

Lot

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: M

Enumerated domain value definition:

Mineral Survey

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: N

Enumerated domain value definition:

Townsite

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: O

Enumerated domain value definition:

Fractional part of a section

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: P

Enumerated domain value definition:

Parcel

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: Q

Enumerated domain value definition:

Donation Land Claim

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: R

Enumerated domain value definition:

Private land (reserved)

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: S

Enumerated domain value definition:

United States survey

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: T

Enumerated domain value definition:

Tract (cadastral surveyed)

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: U

Enumerated domain value definition:

Unsurveyed - protracted

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: W

Enumerated domain value definition:

Water

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: X

Enumerated domain value definition:

Exchange survey

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: Y

Enumerated domain value definition:

Townsite outlet (reserved)

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: Z

Enumerated domain value definition:

Unsurveyed - unprotracted

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: 2

Enumerated domain value definition:

Tract (other than cadastral survey - reserved)

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: AB

Enumerated domain value definition:

Sections

Enumerated domain value definition source:

BLM

Attribute:

***Attribute label:** sectn

***Attribute alias:** sectn

Attribute definition:

Section number

Attribute definition source:

BLM

***Attribute type:** String

***Attribute width:** 6

Attribute domain values:

Range domain:

Range domain minimum: 1

Range domain maximum: 100

Attribute:

***Attribute label:** secdup

***Attribute alias:** secdup

Attribute definition:

Section duplicate code. Not used - reserved for future use.

Attribute definition source:

BLM

***Attribute type:** String

***Attribute width:** 6

Attribute domain values:

Enumerated domain:

Enumerated domain value: (Blank)

Enumerated domain value definition:

Not duplicate

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: A

Enumerated domain value definition:

First duplicate (second occurrence of same section number)

Enumerated domain value definition source:

BLM

Enumerated domain:

Enumerated domain value: B

Enumerated domain value definition:

Second duplicate (third occurrence of same section number)

Enumerated domain value definition source:

BLM

Overview description:**Entity and attribute overview:**

The LSIS Land Description Area layer (LADESC) is the smallest area unit of the GCDB.

Entity and attribute detail citation:

U.S Department of the Interior, Bureau of Land Management, LSIS Database Description Document other supporting documentation. Internet versions are available at:
www.blm.gov/gcdb/standards/index.htm

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For information about the data content, please contact the BLM State Office, GCDB Manager or GCDB Contact at: <http://www.blm.gov/gcdb/gcdbsites/index.html>
 For information directly relating to metadata, please contact Regina LeFort at regina.lefort@blm.gov

Resource description: NN_GCDB_QSections.shp

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Metadata Reference Information:***Metadata date:** 20070731***Language of metadata:** en**Metadata contact:****Contact information:****Contact person primary:****Contact person:** Regina LeFort**Contact organization:** Bureau of Land Management**Contact position:** L&RPO GCDB Lead**Contact address:****Address type:** mailing address**Address:**

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City: Denver**State or province:** Colorado**Postal code:** 80225-0047**Country:** USA**Contact voice telephone:** (303) 236-0951**Contact facsimile telephone:** (303) 236-6691**Contact electronic mail address:** regina_lefort@blm.gov**Contact instructions:**For information about the data content, please contact the BLM State Office, GCDB Manager or GCDB Contact at: <http://www.blm.gov/gcdb/gcdbsites/index.html>

For information directly relating to metadata, please contact Regina LeFort at regina.lefort@blm.gov

- ***Metadata standard name:** FGDC Content Standards for Digital Geospatial Metadata
- ***Metadata standard version:** FGDC-STD-001-1998
- ***Metadata time convention:** local time

Metadata extensions:

Online linkage: <http://www.esri.com/metadata/esriprof80.html>

Profile name: ESRI Metadata Profile

Metadata extensions:

***Online linkage:** <http://www.esri.com/metadata/esriprof80.html>

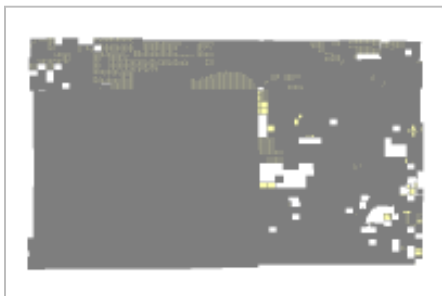
***Profile name:** ESRI Metadata Profile

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Binary Enclosures:

Thumbnail:

Enclosure type: Picture



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